

Program EVALPLOT
(Version 2018-1)

by

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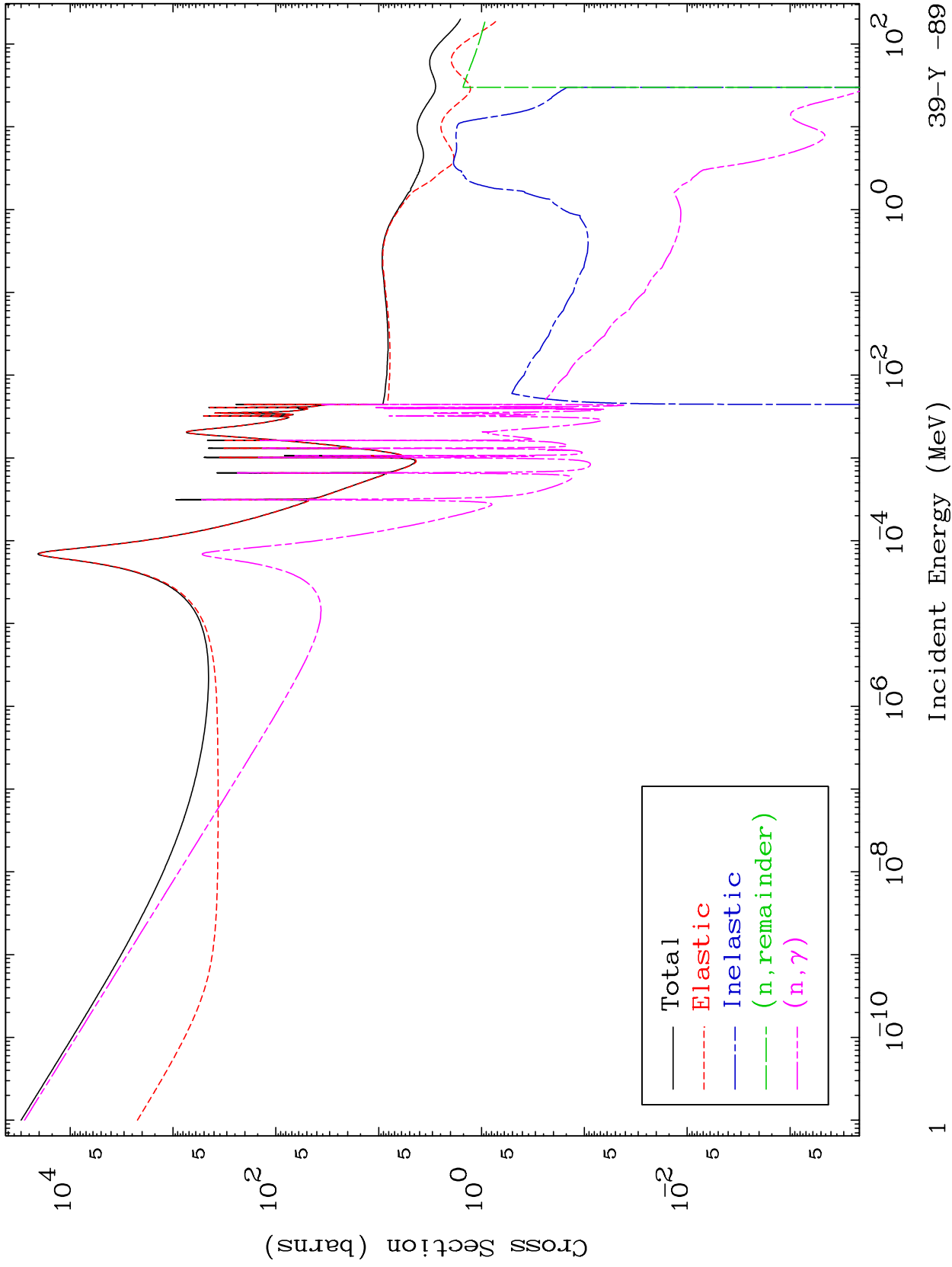
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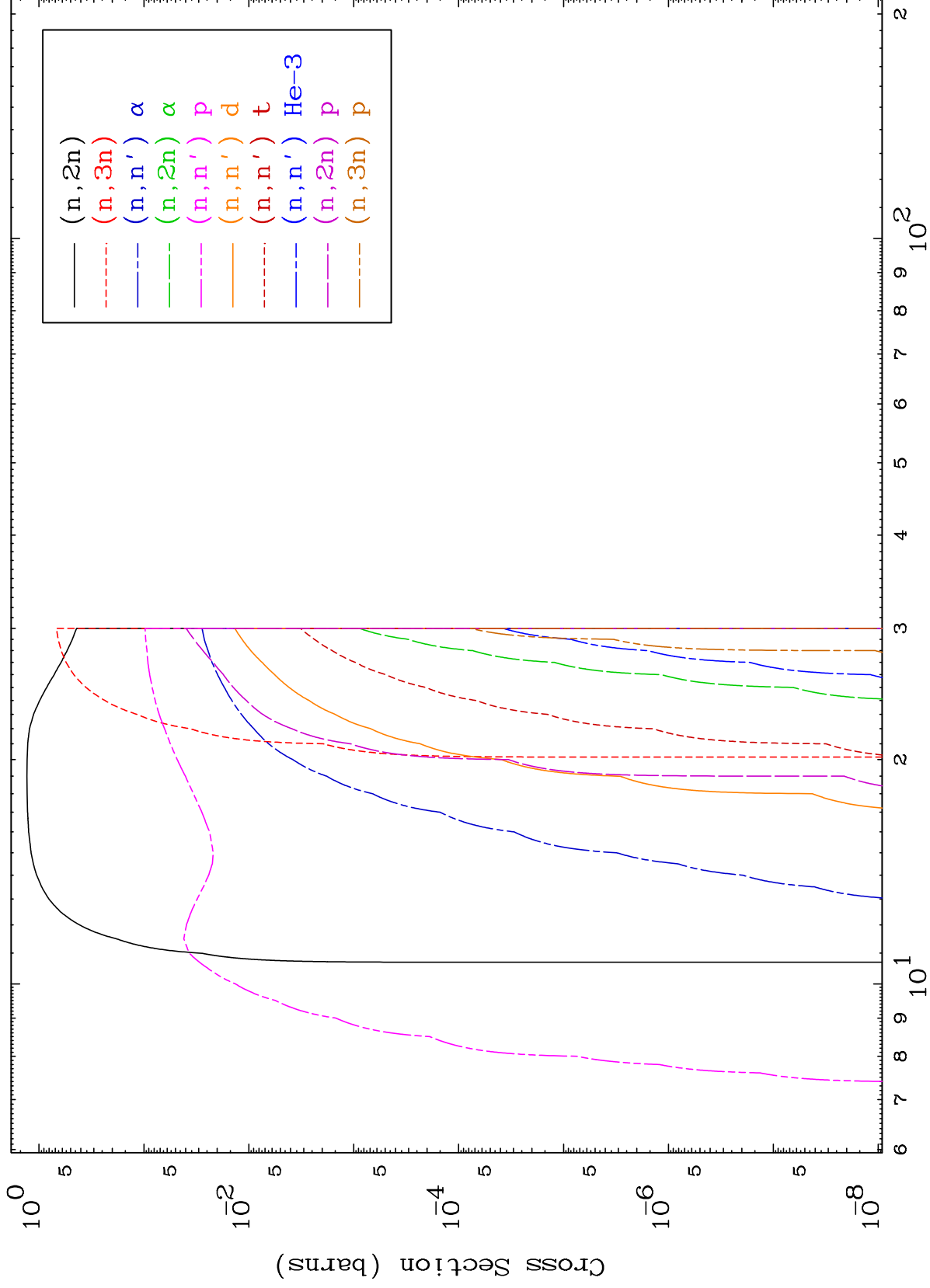
Press Mouse Button to Start

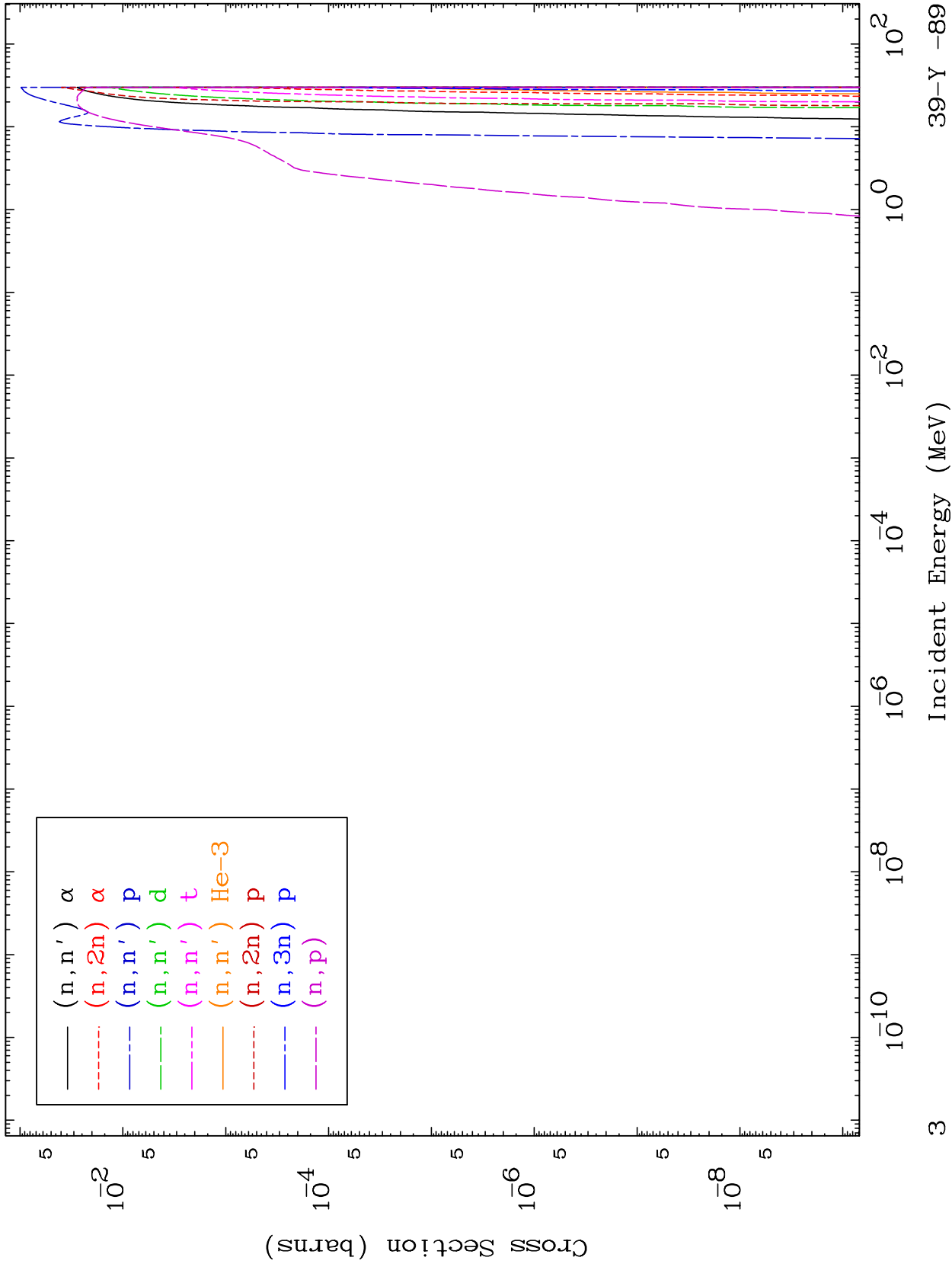
MAT 3926

Major
293 Kelvin Cross Sections

39-Y -89



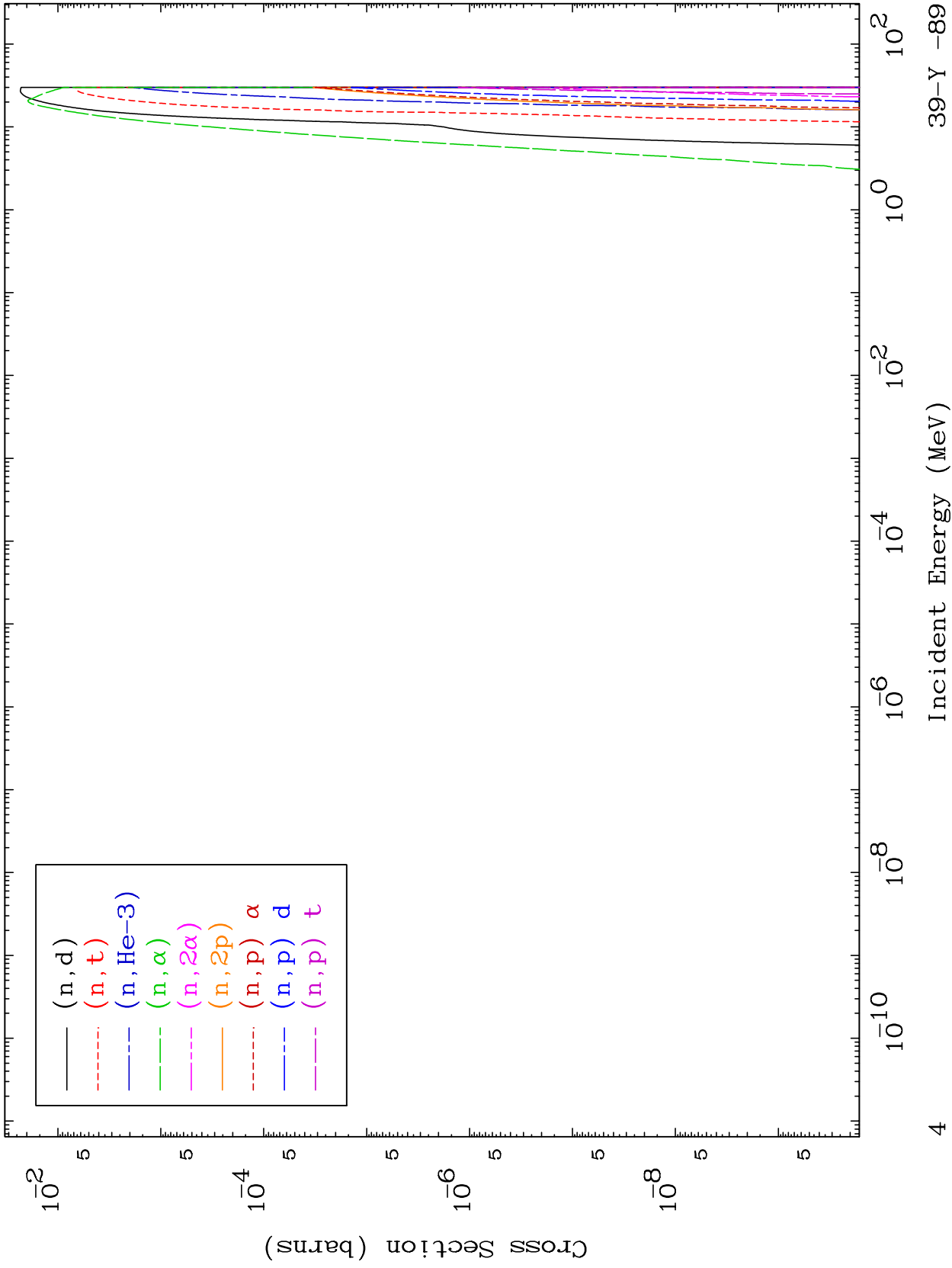




MAT 3926

Charged Particle
293 Kelvin Cross Sections

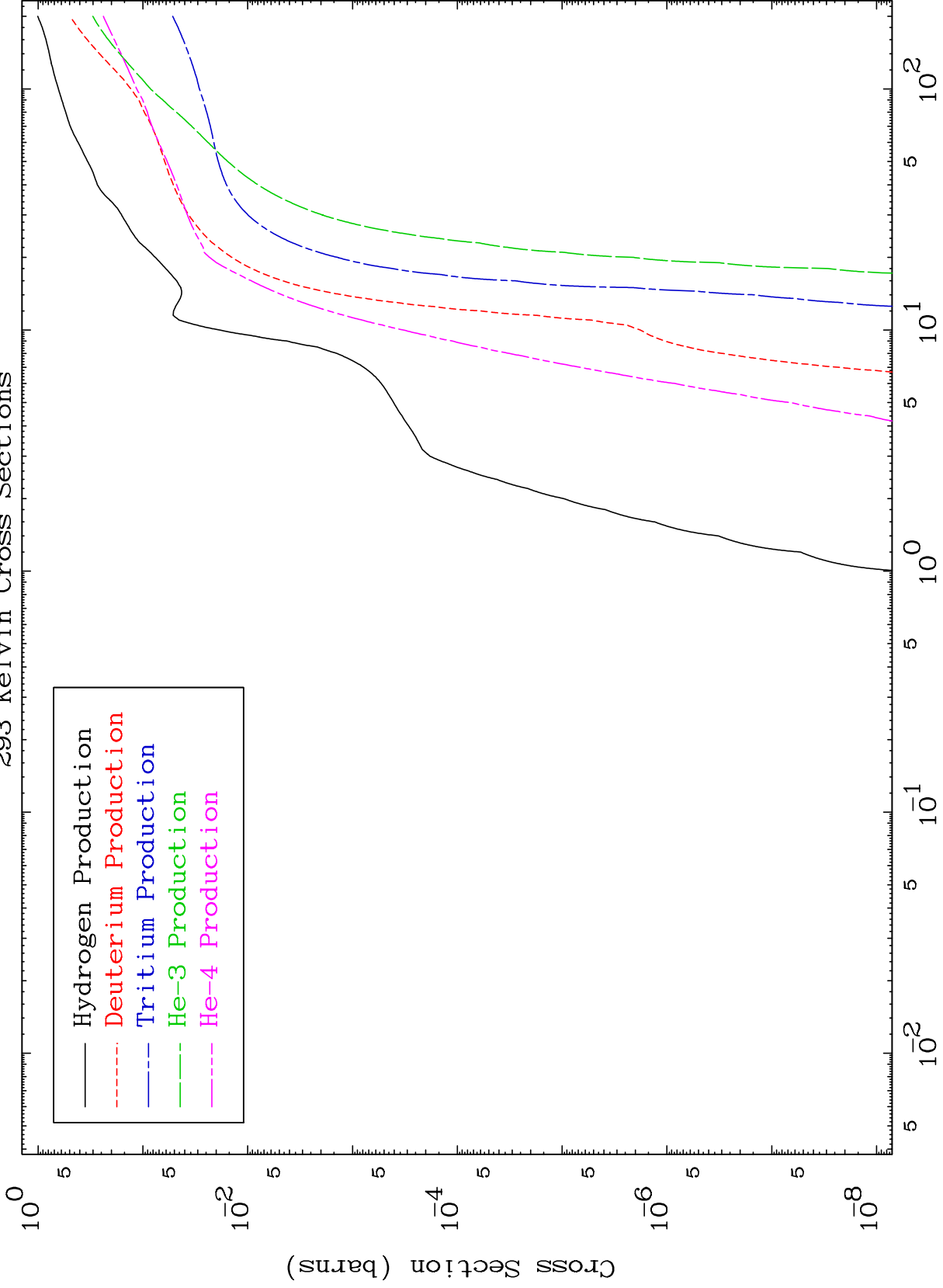
39-Y -89



MAT 3926

Particle Production
293 Kelvin Cross Sections

39-Y -89



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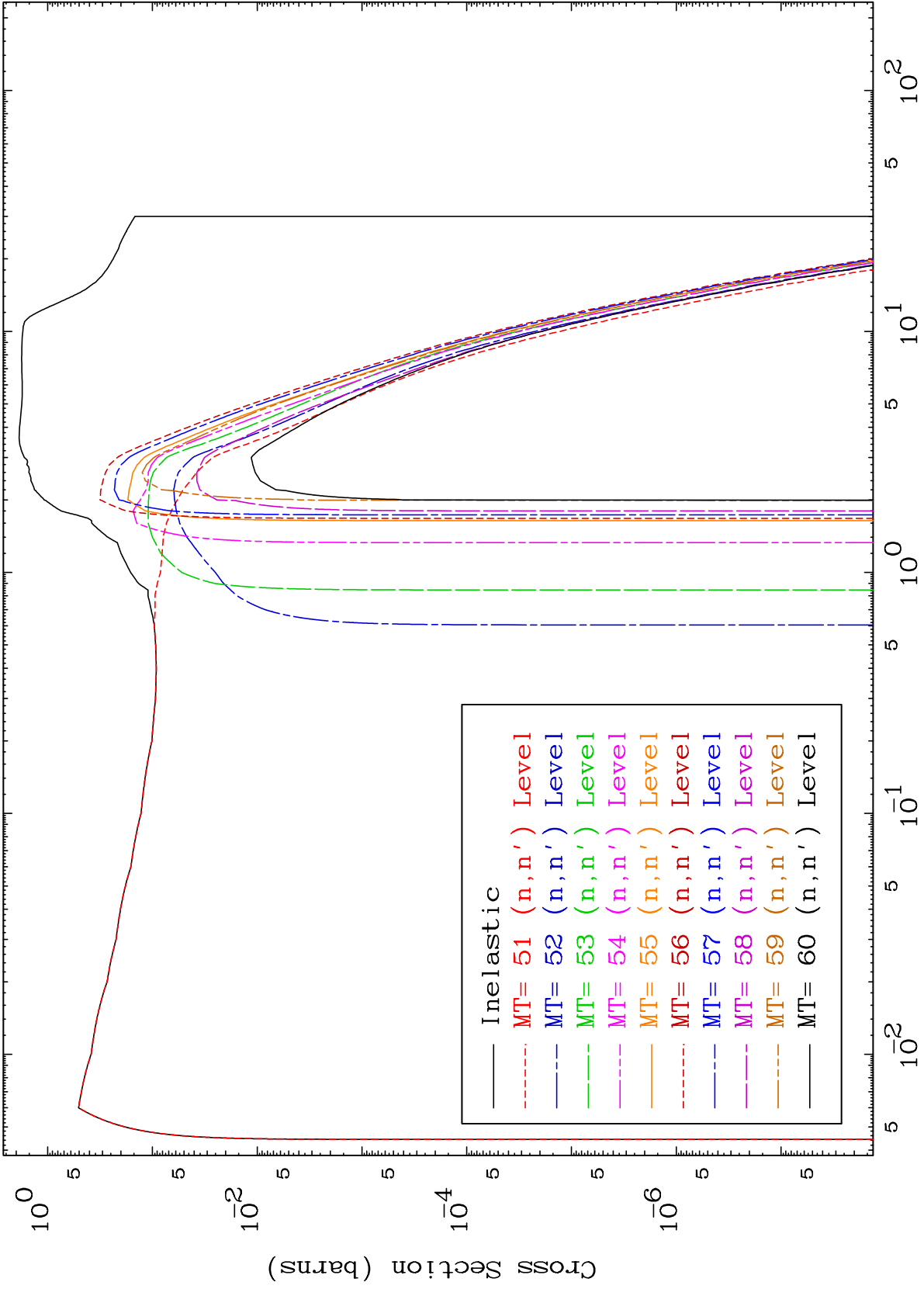
Incident Energy (MeV)

39-Y -89

MAT 3926

(n,n') Level
293 Kelvin Cross Sections

39-Y -89

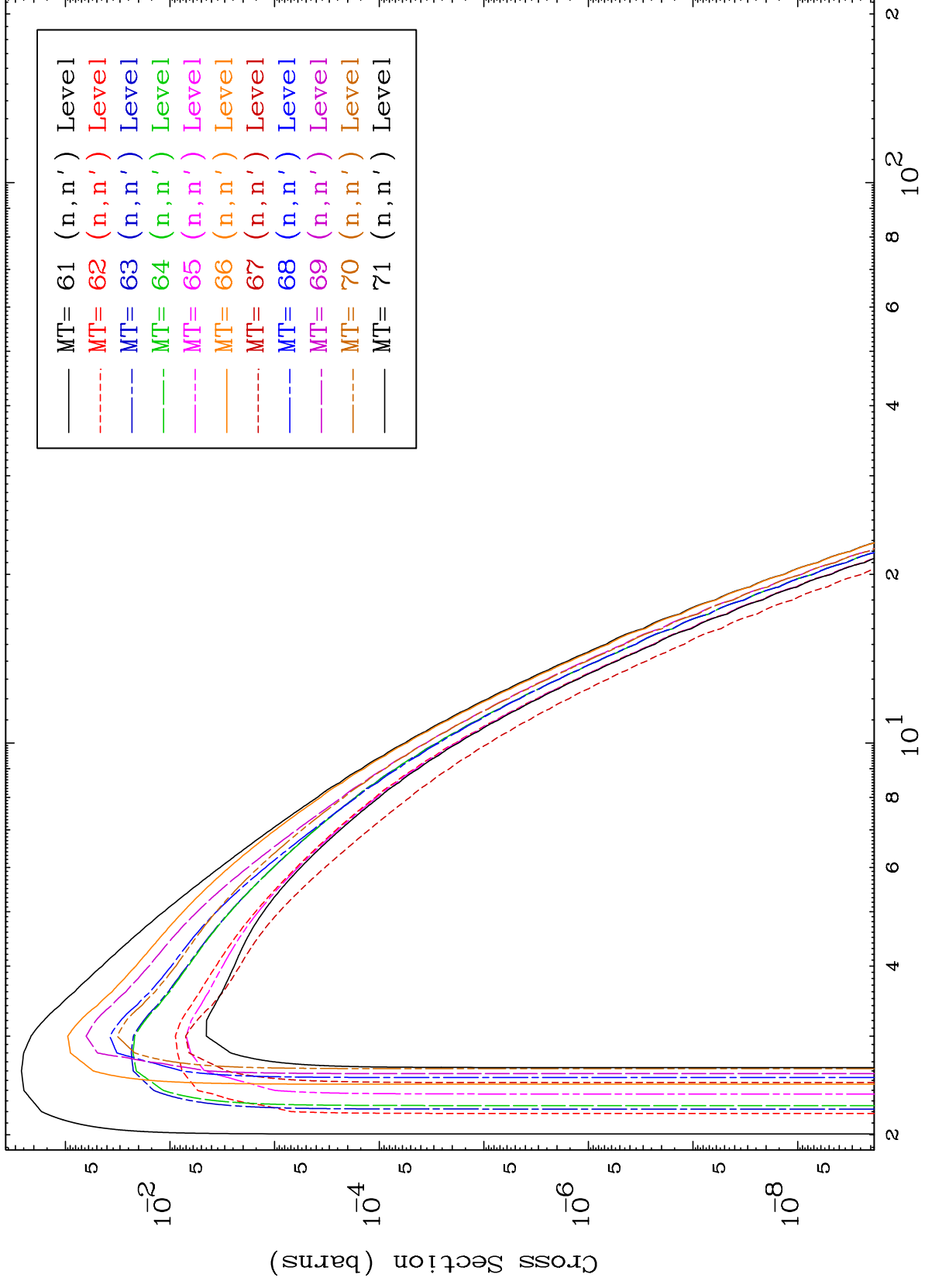


MAT 3926

(n,n') Level

39-Y -89

293 Kelvin Cross Sections

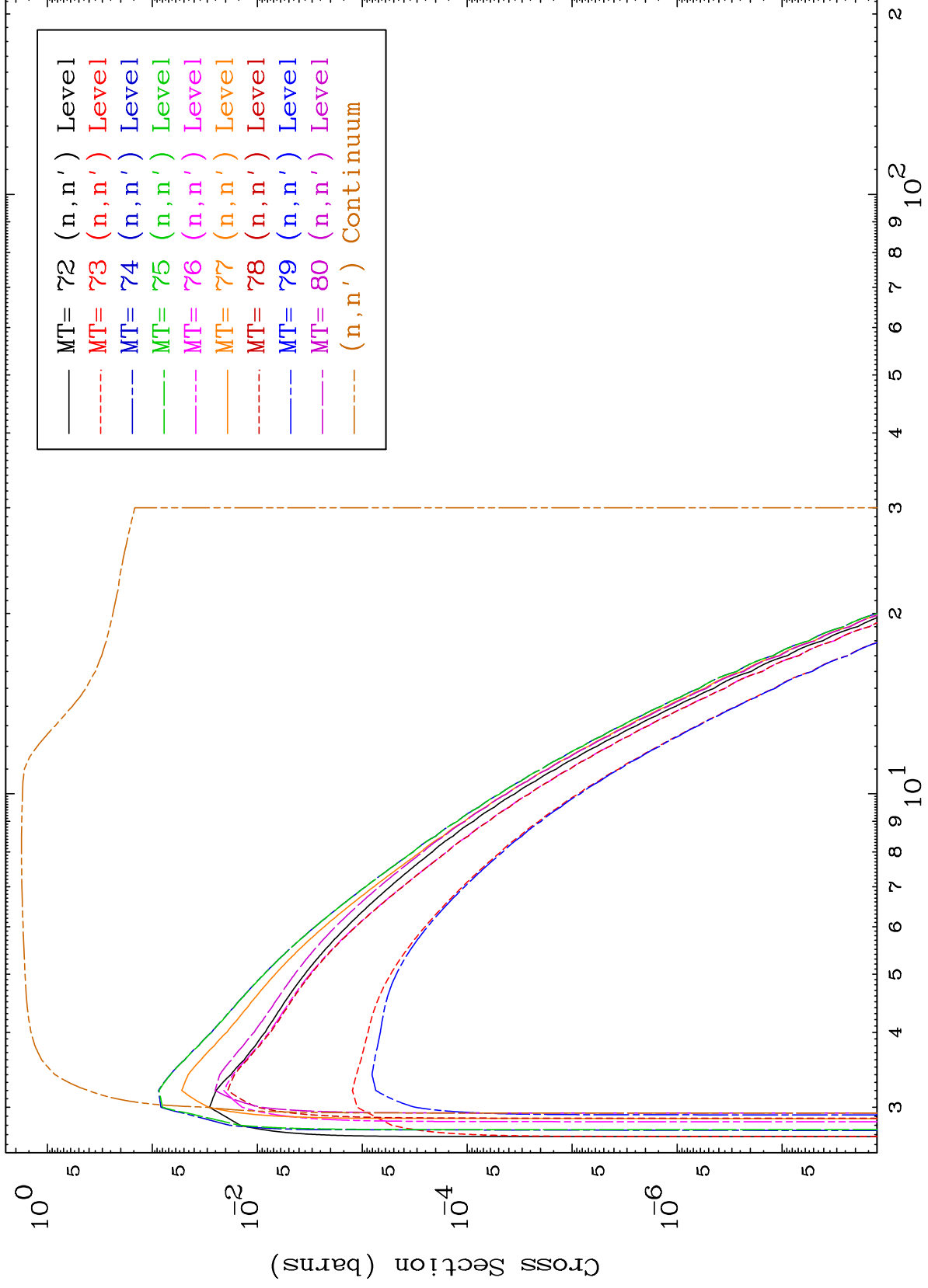


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Incident Energy (MeV)

39-Y -89

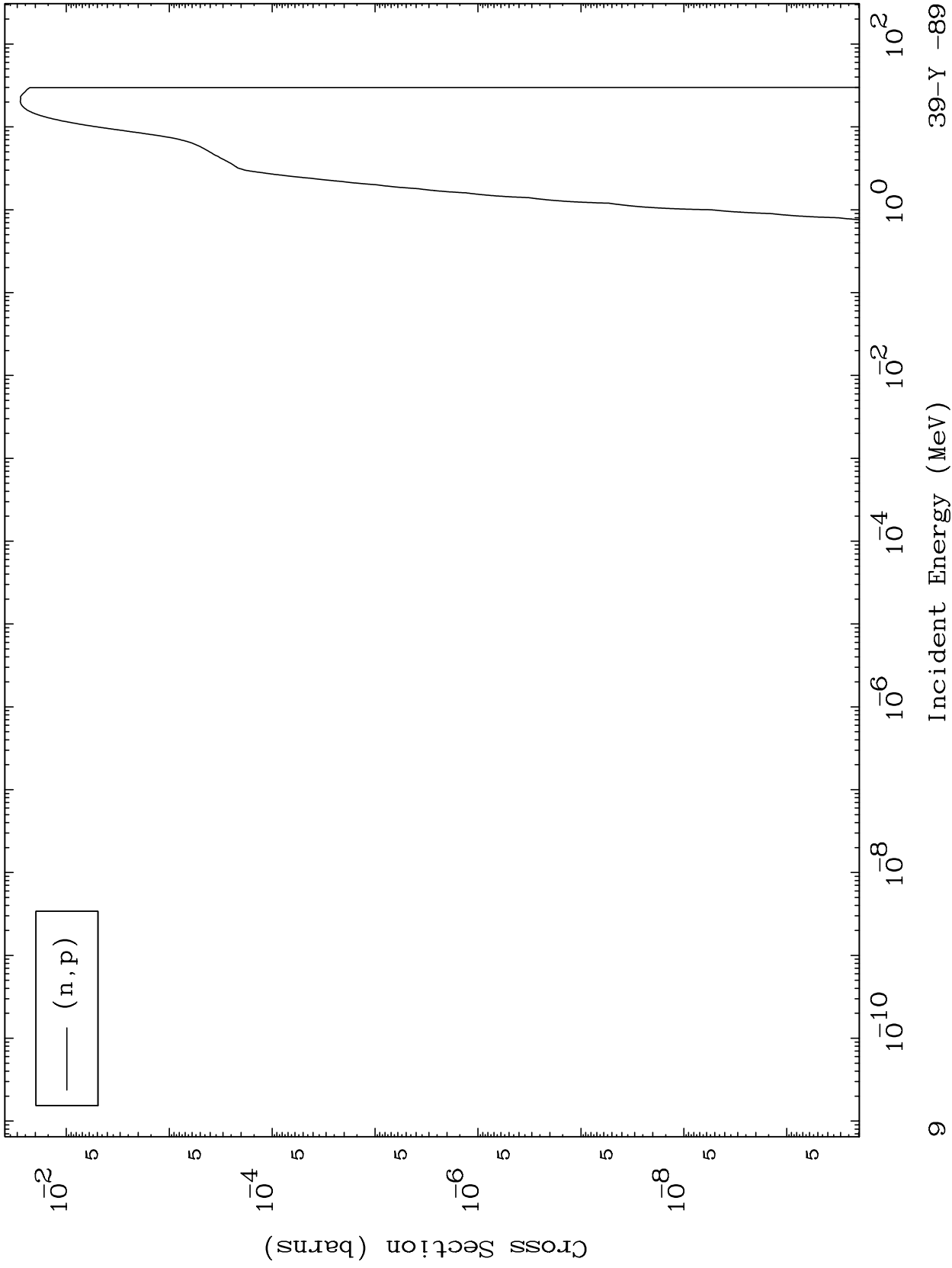
293 Kelvin Cross Sections



MAT 3926

(n,p) Levels
293 Kelvin Cross Sections

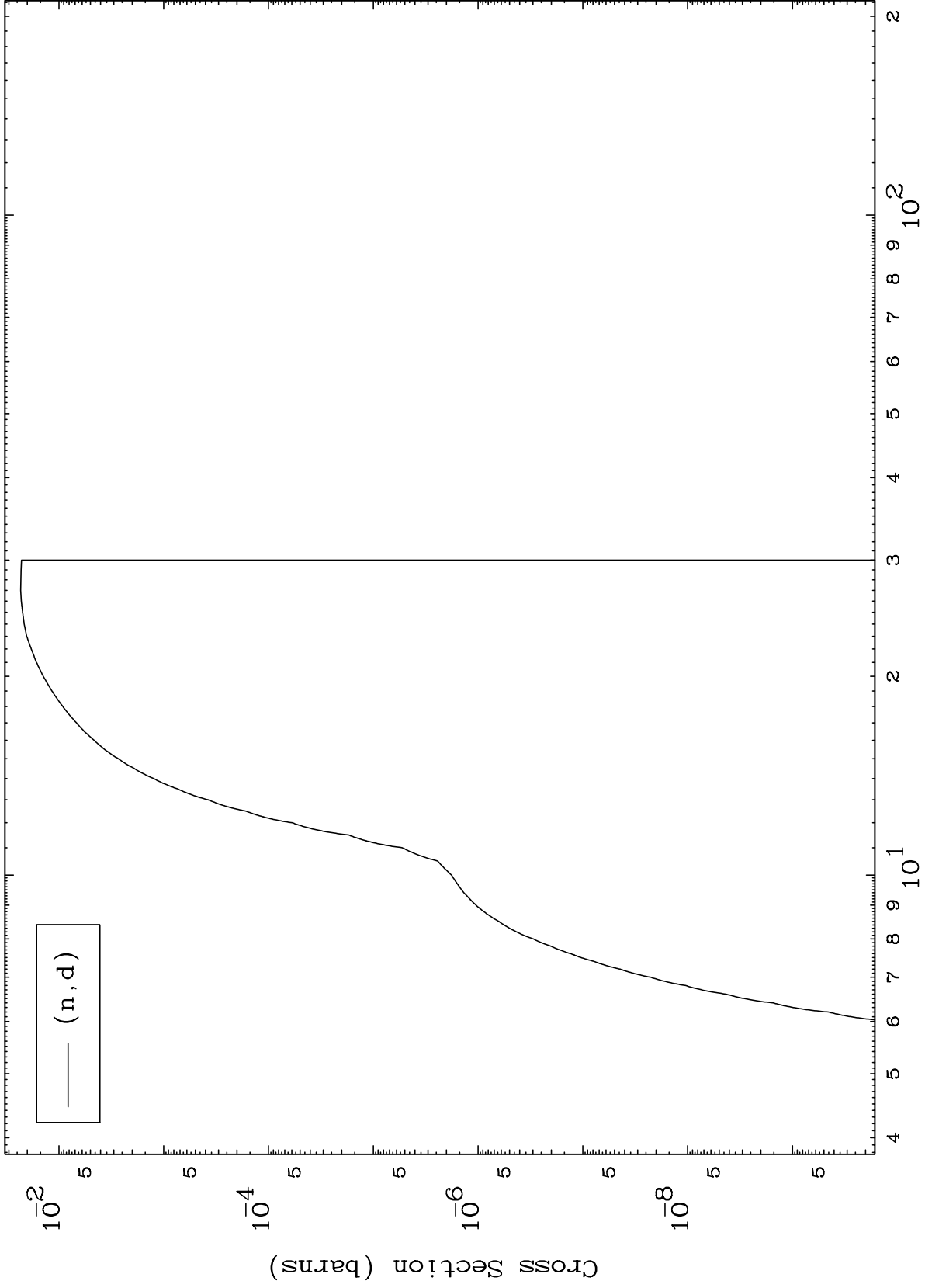
39-Y -89



MAT 3926

(n,d) Levels
293 Kelvin Cross Sections

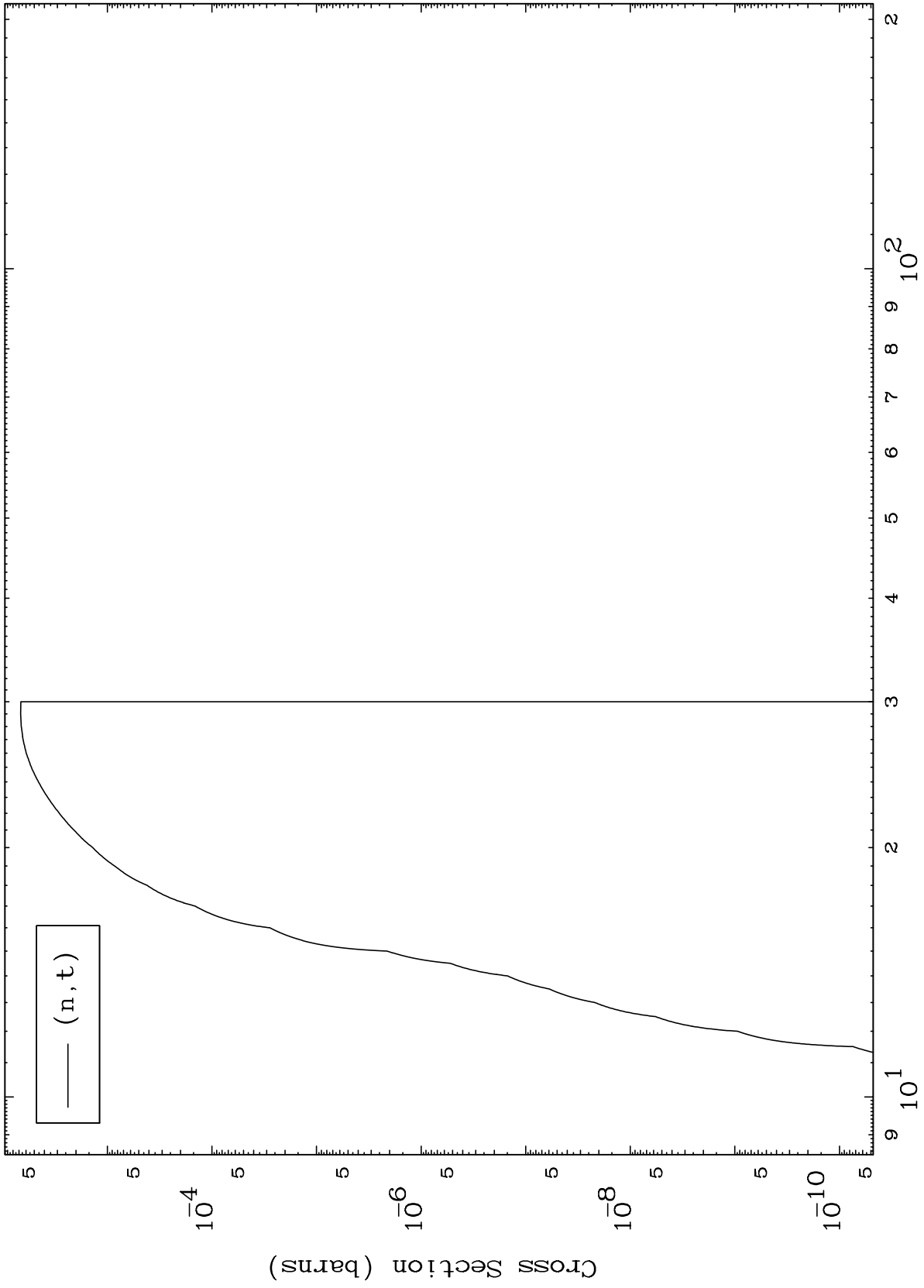
39-Y -89

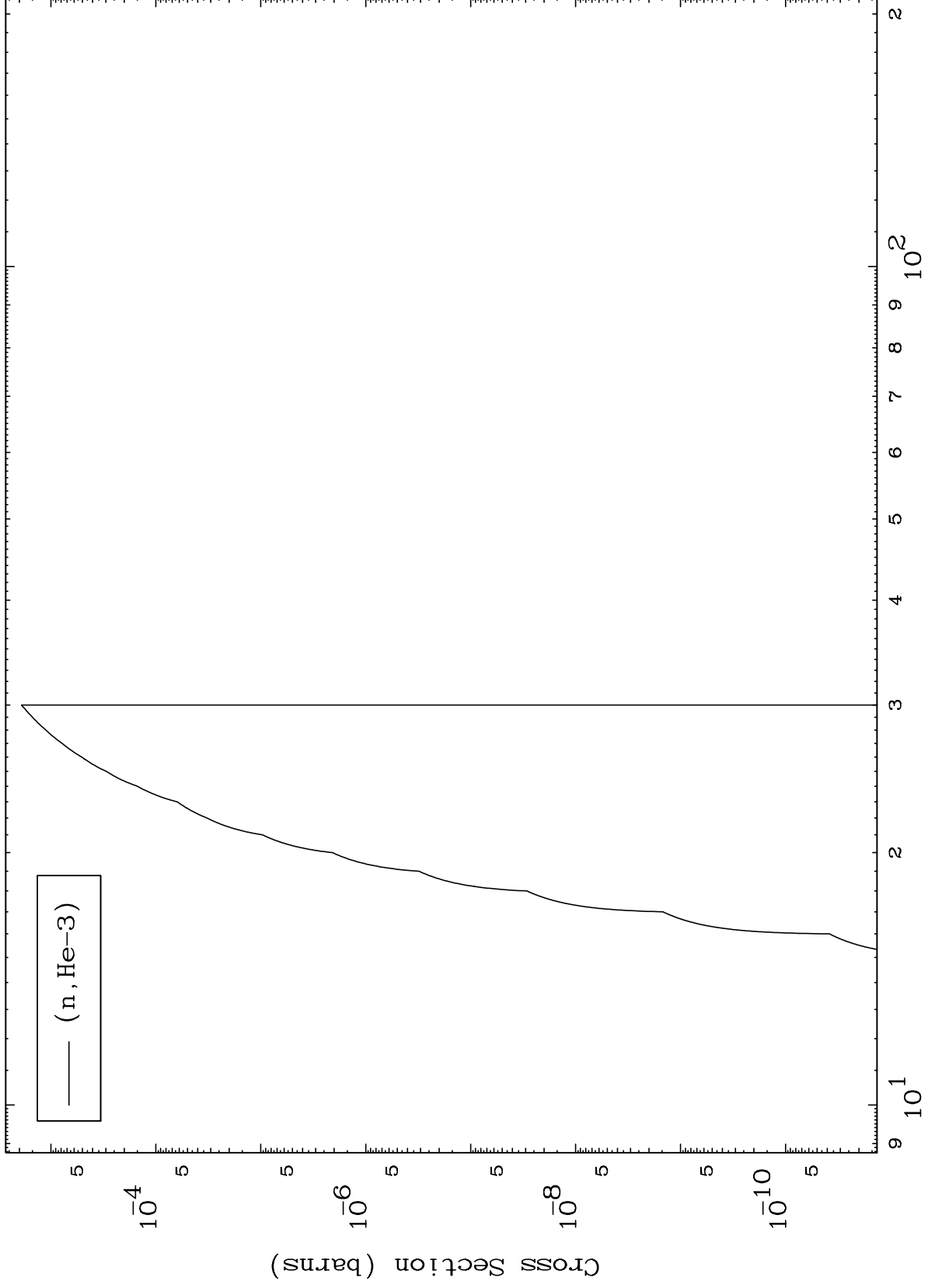


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Incident Energy (MeV)

39-Y -89

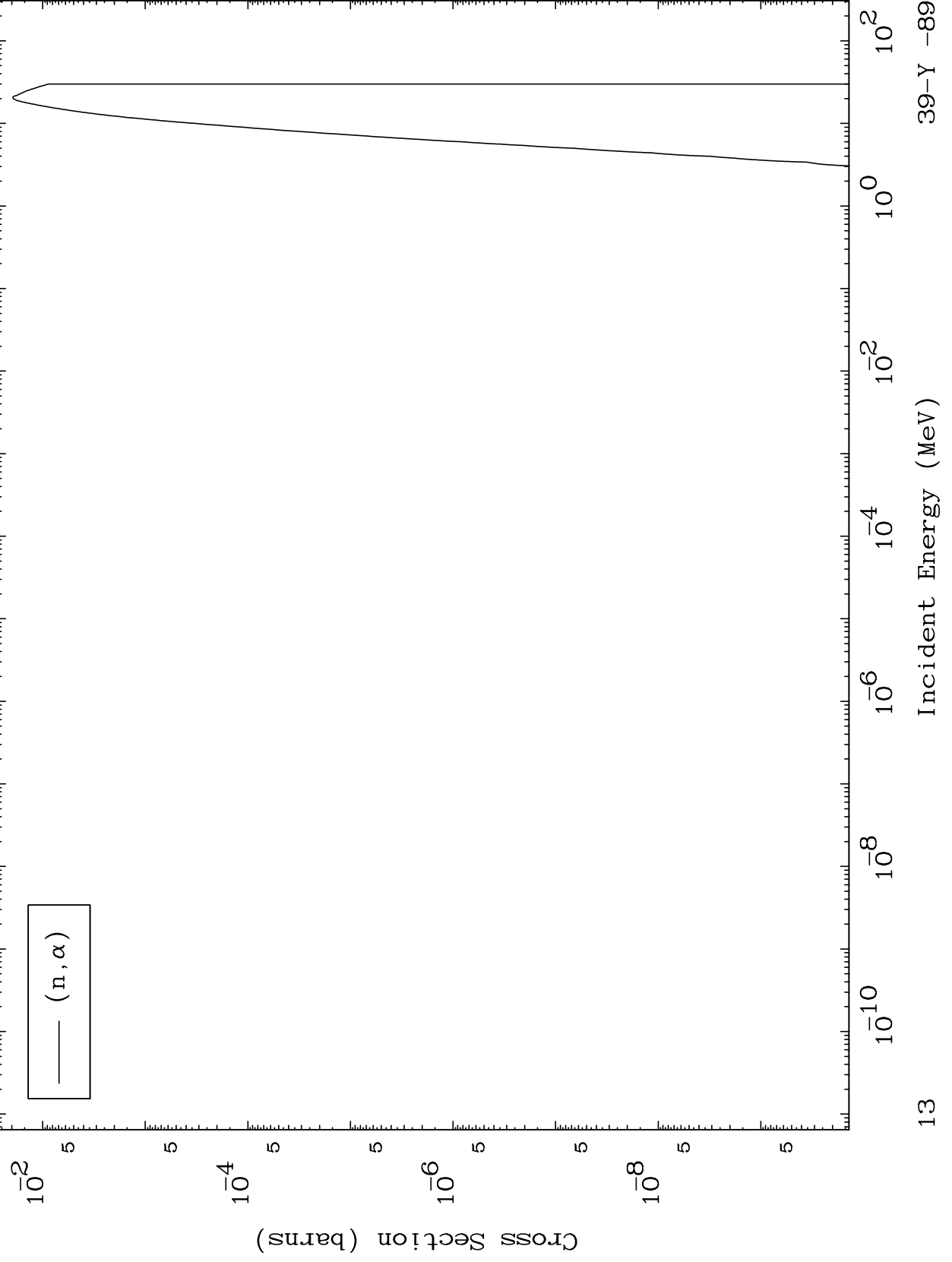


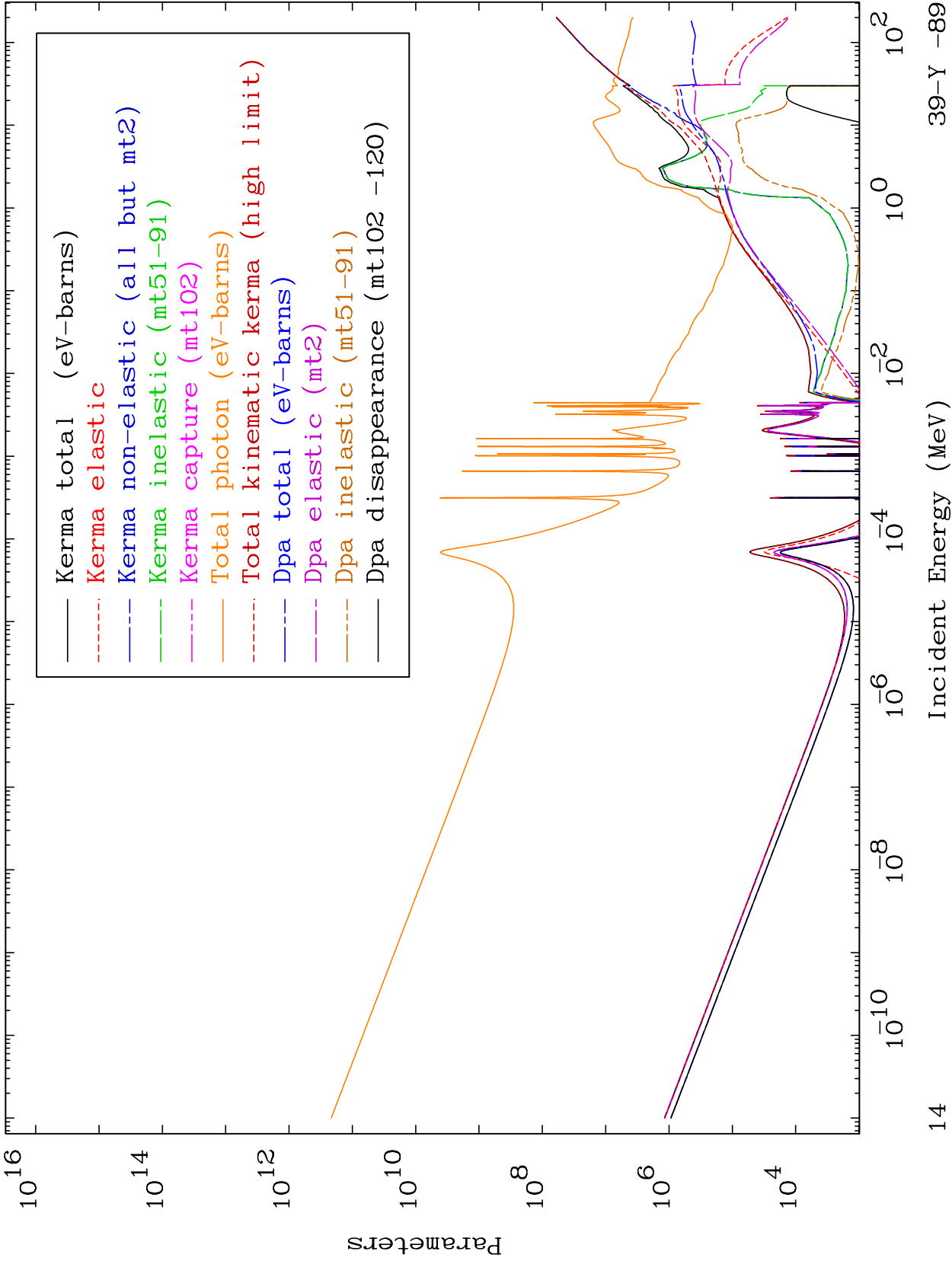


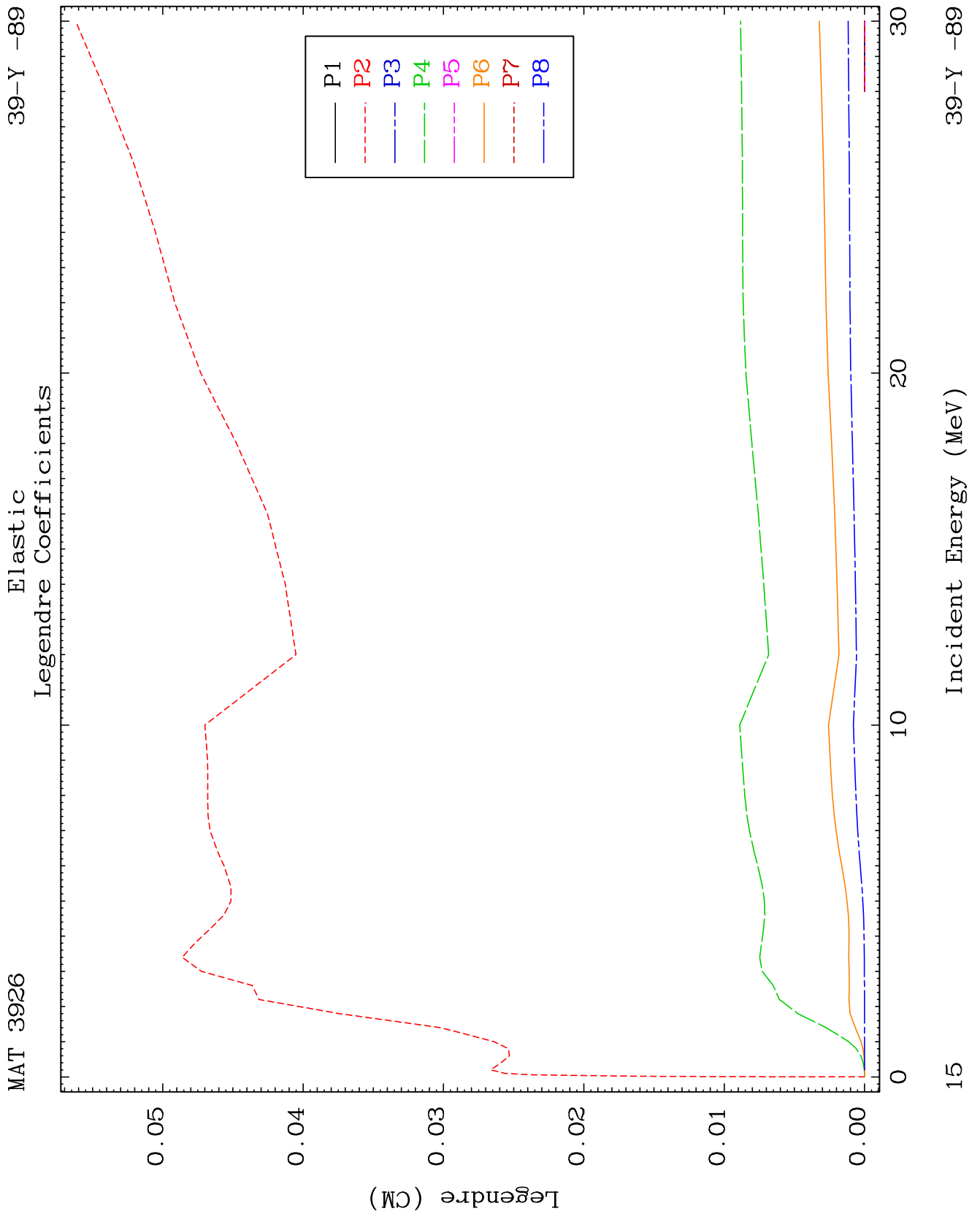
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(n, α) Levels
293 Kelvin Cross Sections

39-Y -89



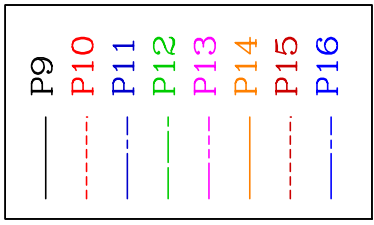




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Elastic Legendre Coefficients

39-Y -89



$\times 10^{-4}$

Legendre (CM)



16

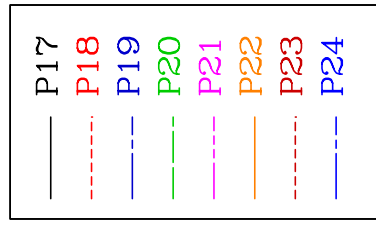
Incident Energy (MeV)

39-Y -89

MAT 3926

Elastic Legendre Coefficients

39-Y -89

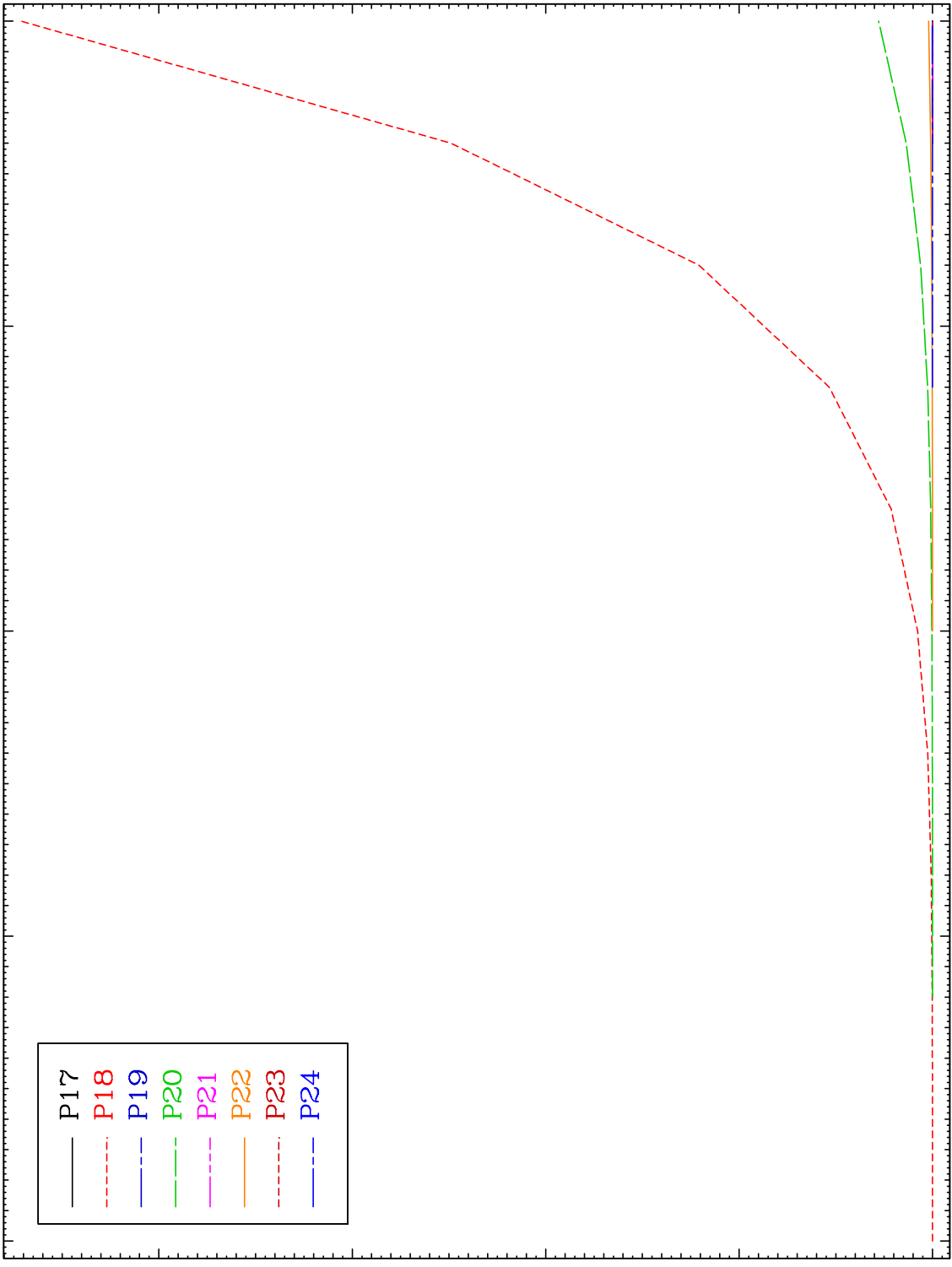


$\times 10^{-6}$
2.0
1.5
1.0
0.5
0.0

Legendre (CM)

10 15 20 25 30
17 39-Y -89

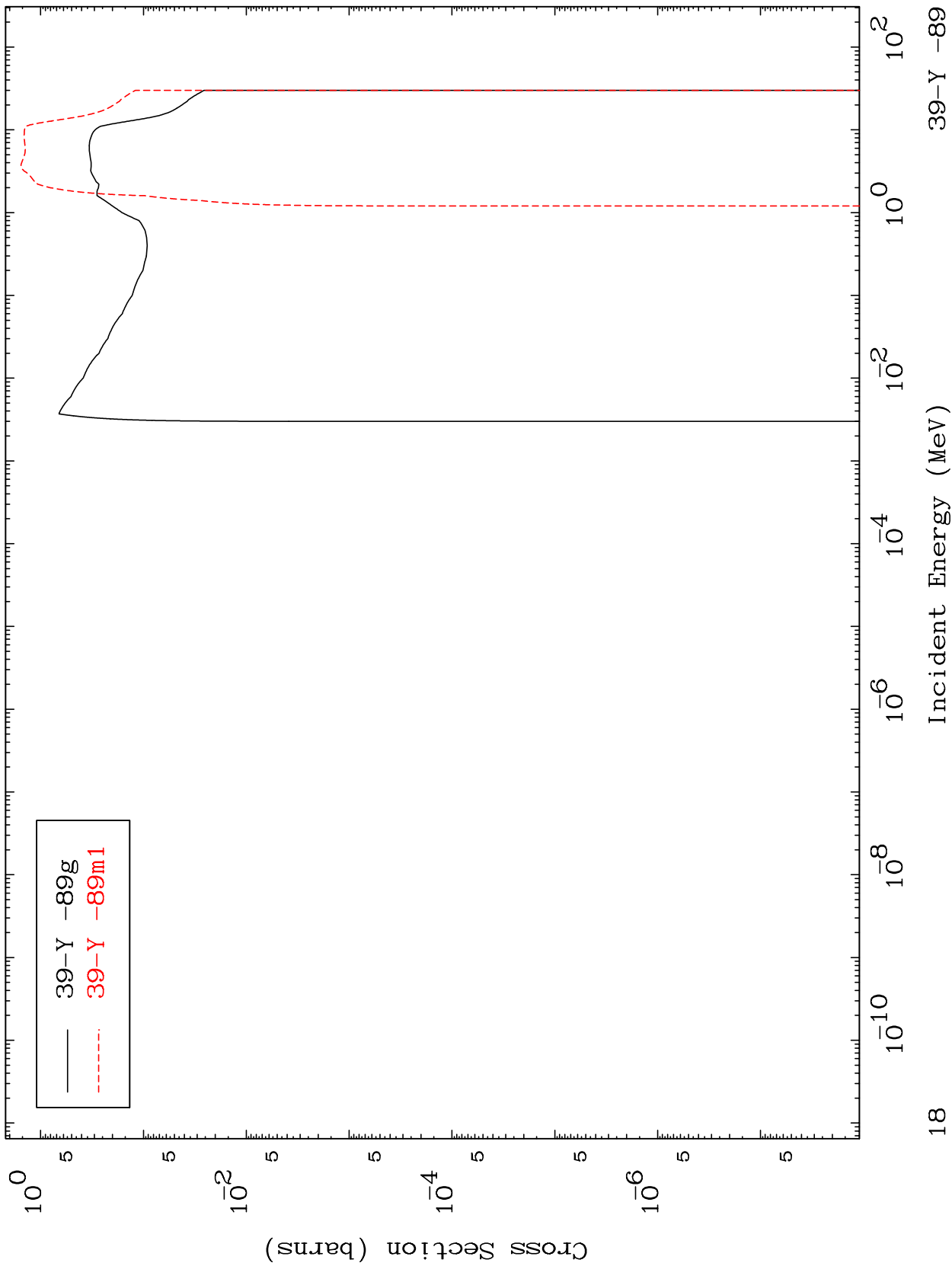
Incident Energy (MeV)



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39-Y -89

Inelastic
Radionuclide Production Cross Section

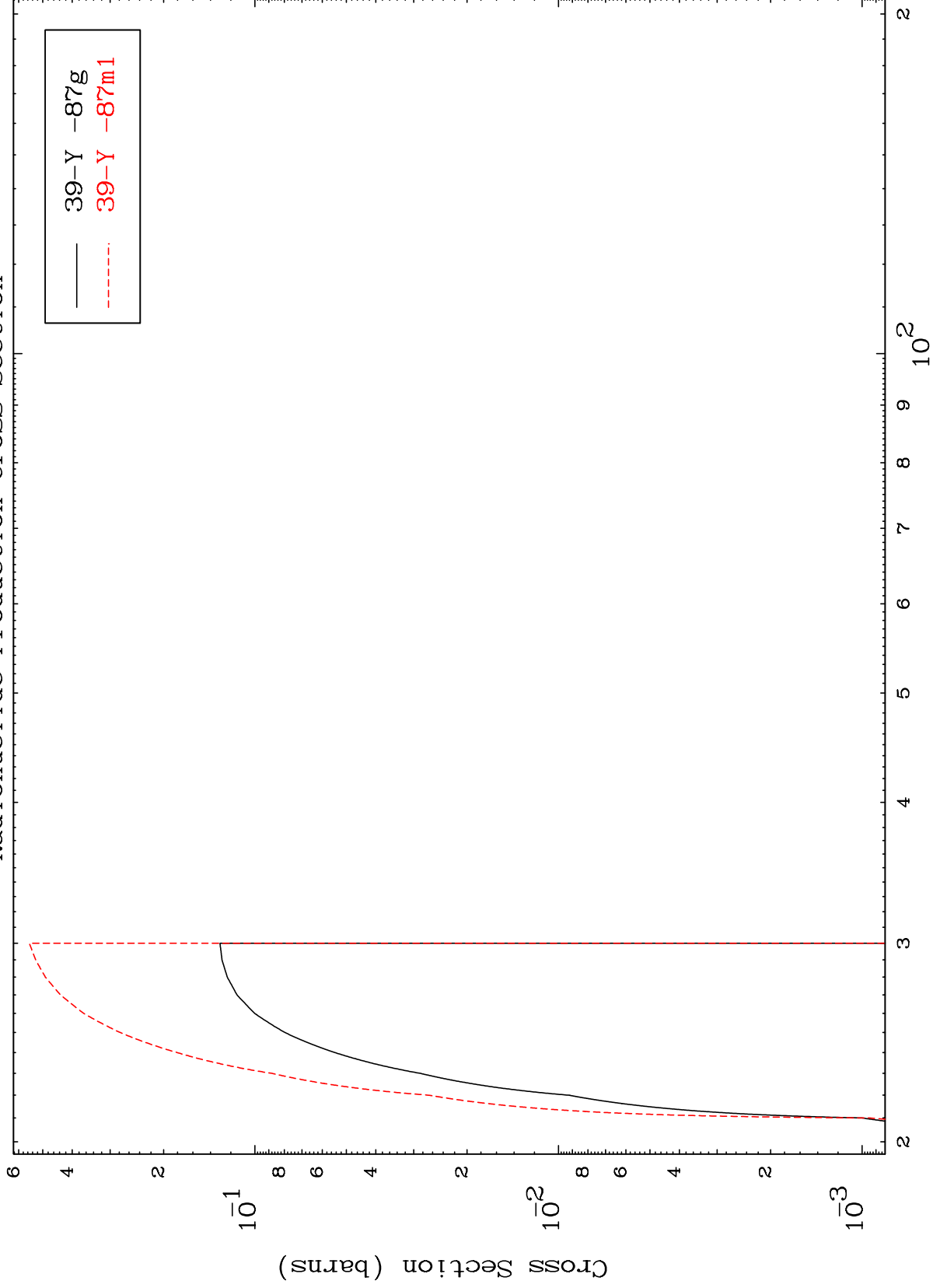


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(n,3n)

39-Y -89

Radionuclide Production Cross Section

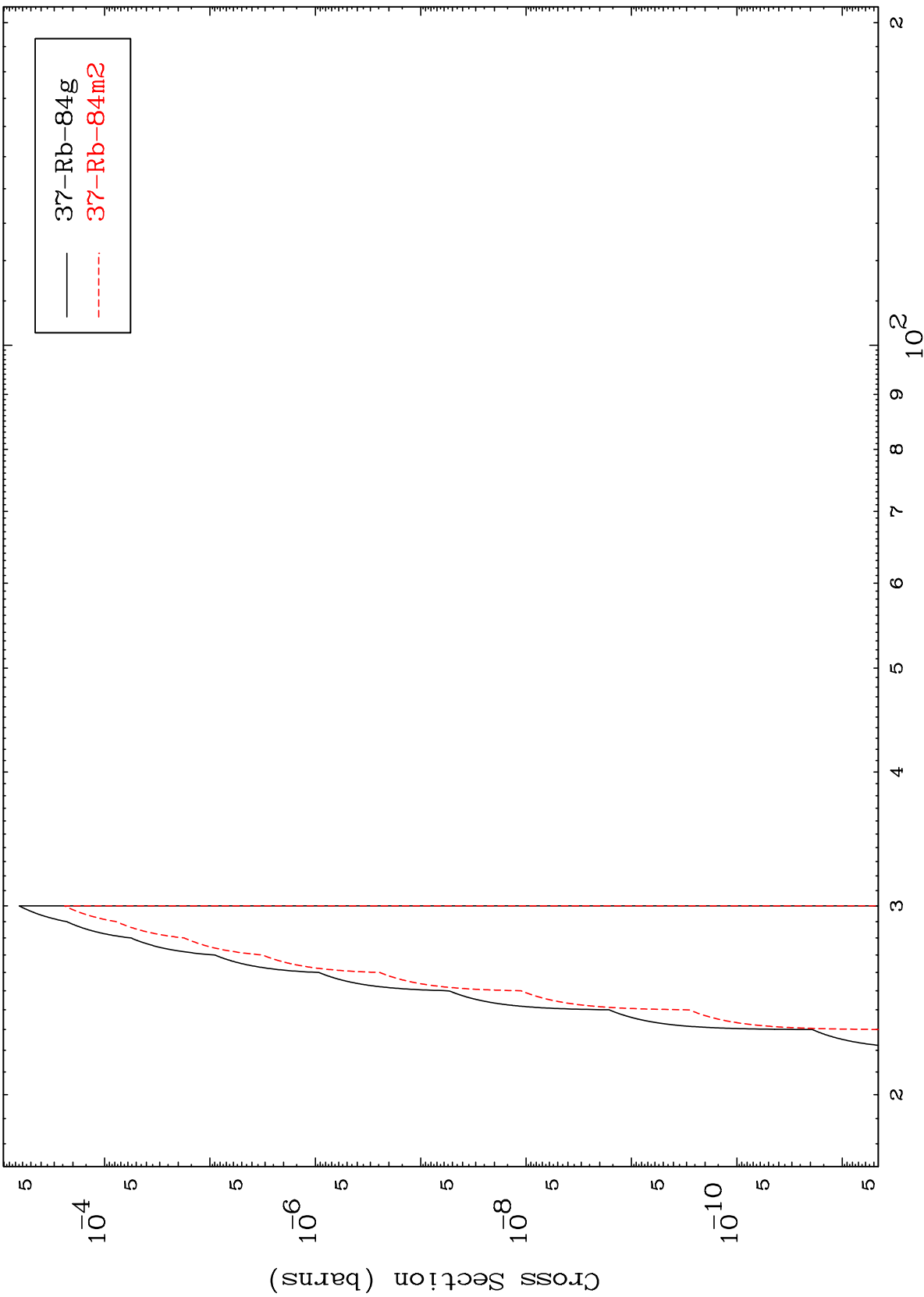


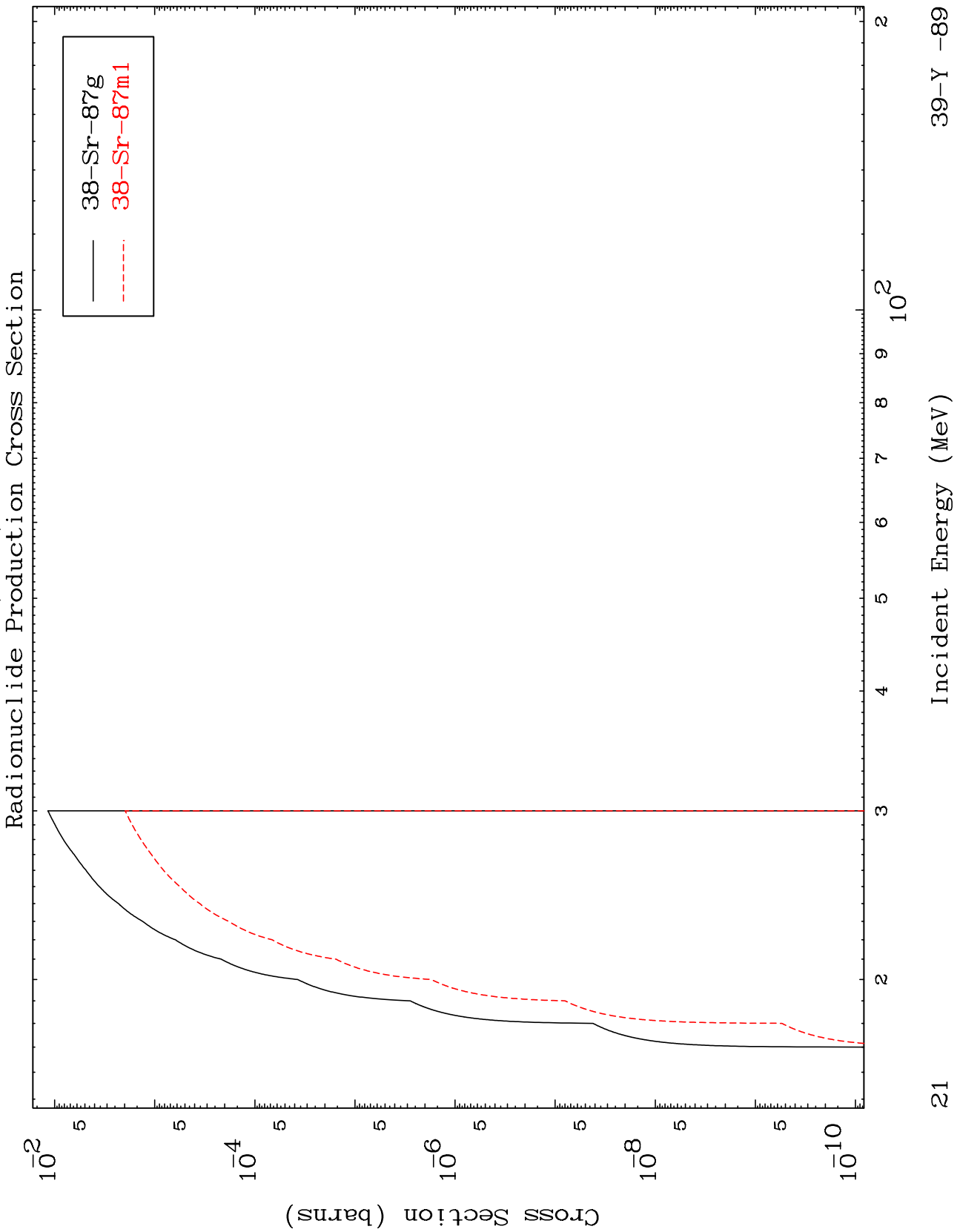
19

Incident Energy (MeV)

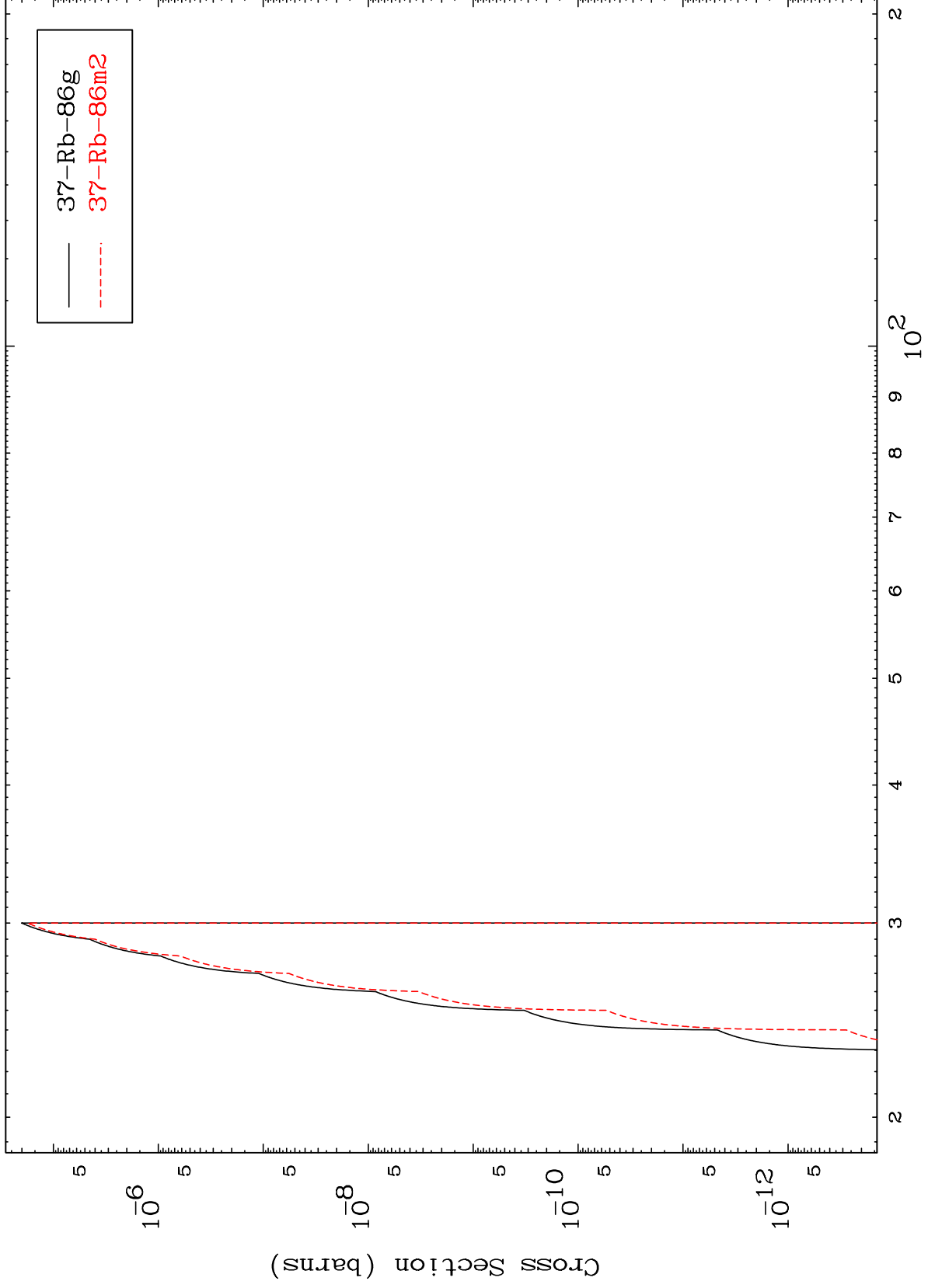
39-Y -89

Radionuclide Production Cross Section

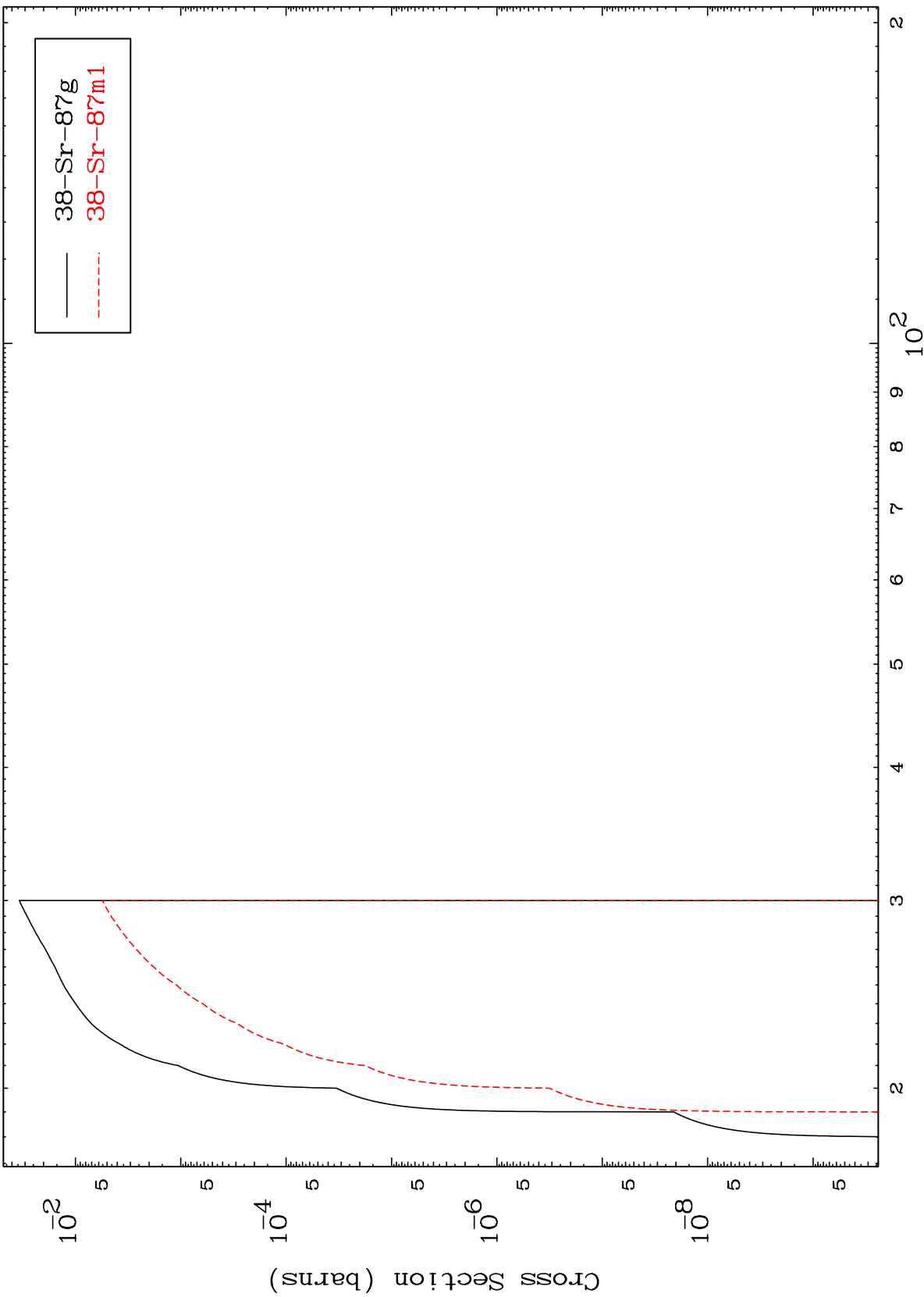




Radionuclide Production Cross Section



Radionuclide Production Cross Section

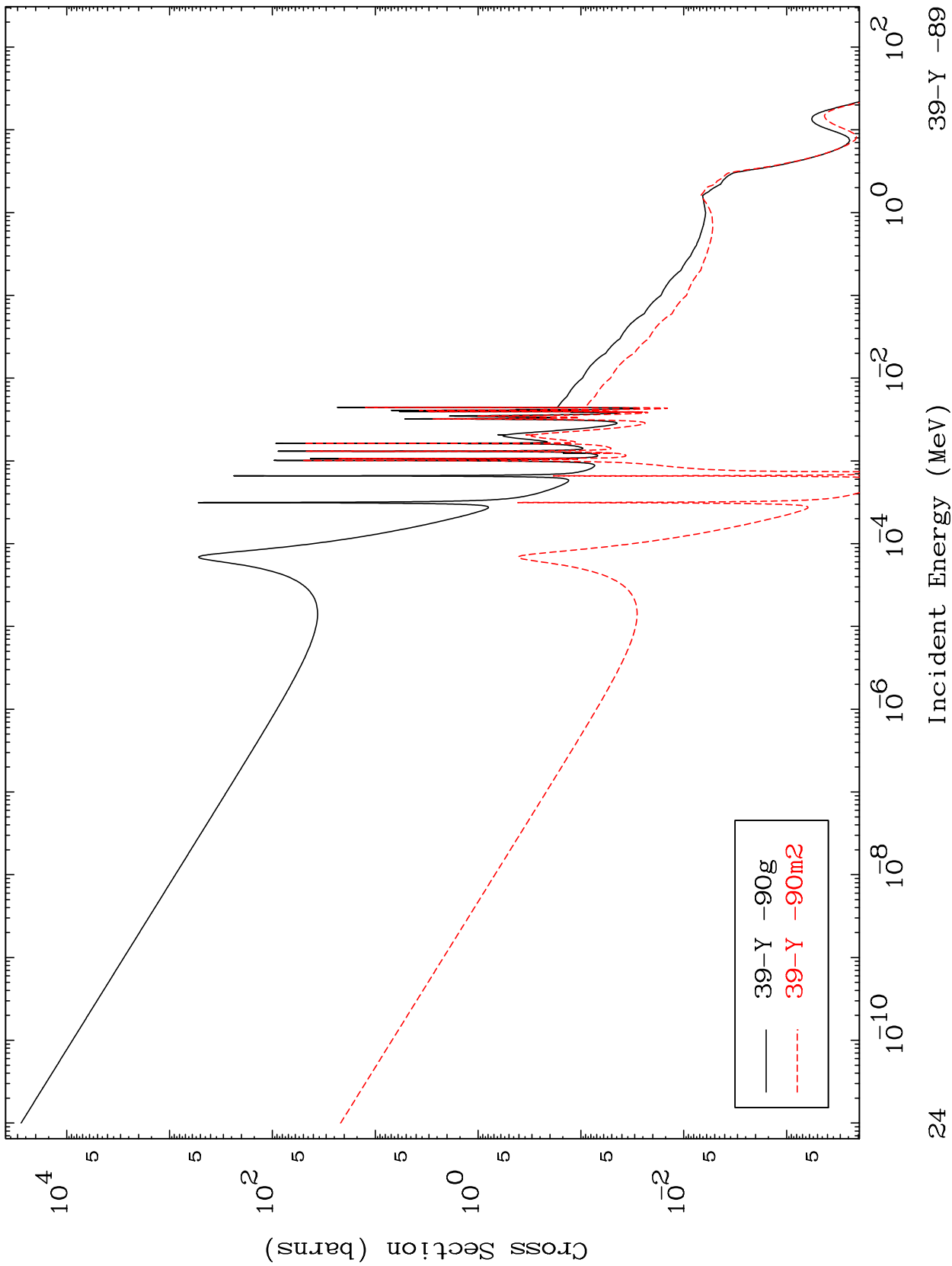


— 38-Sr-87g
- - - 38-Sr-87m1

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39-Y -89

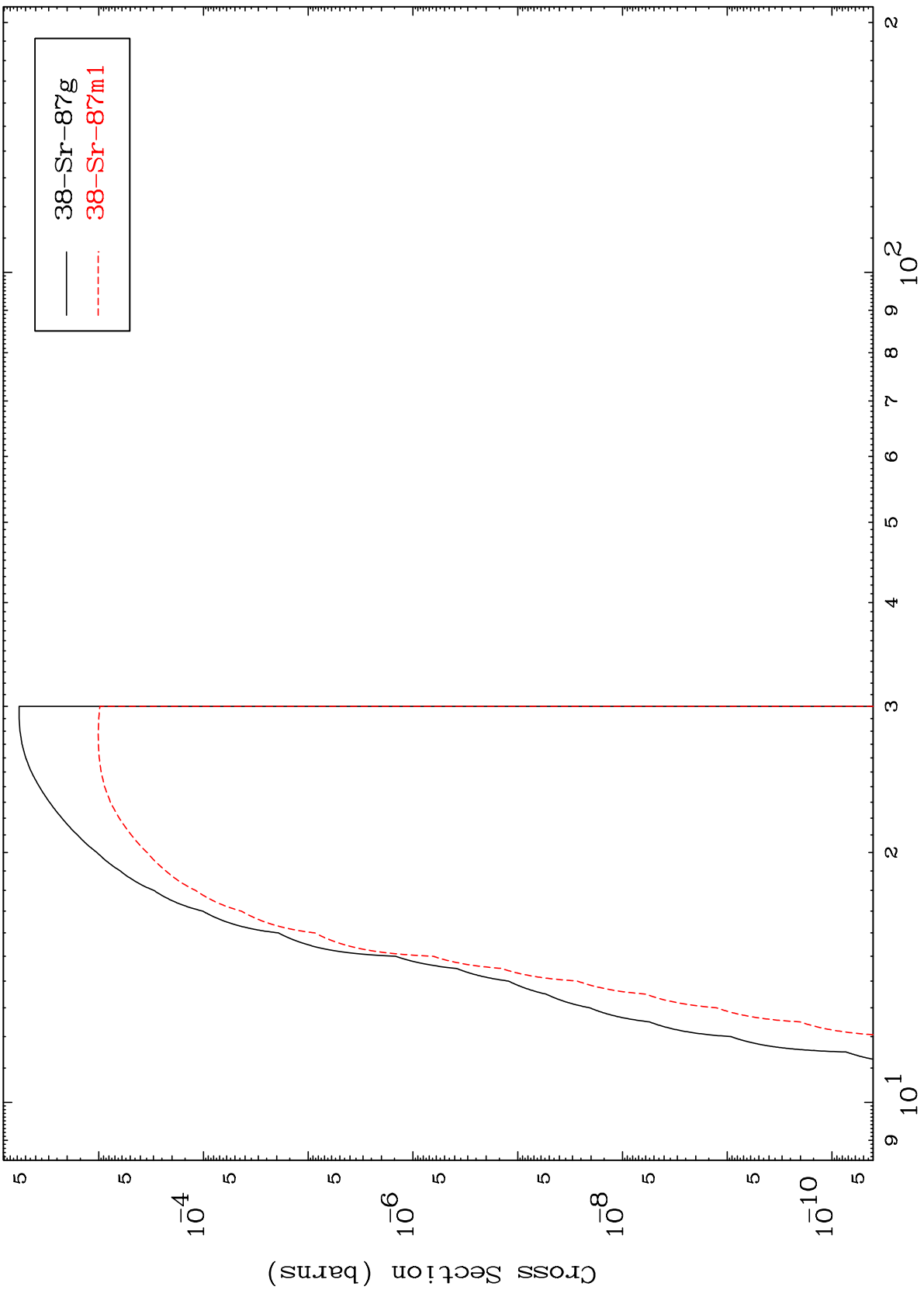
Radionuclide Production Cross Section
(n,γ)



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39-Y -89

(n,t)
Radionuclide Production Cross Section



25

Incident Energy (MeV)

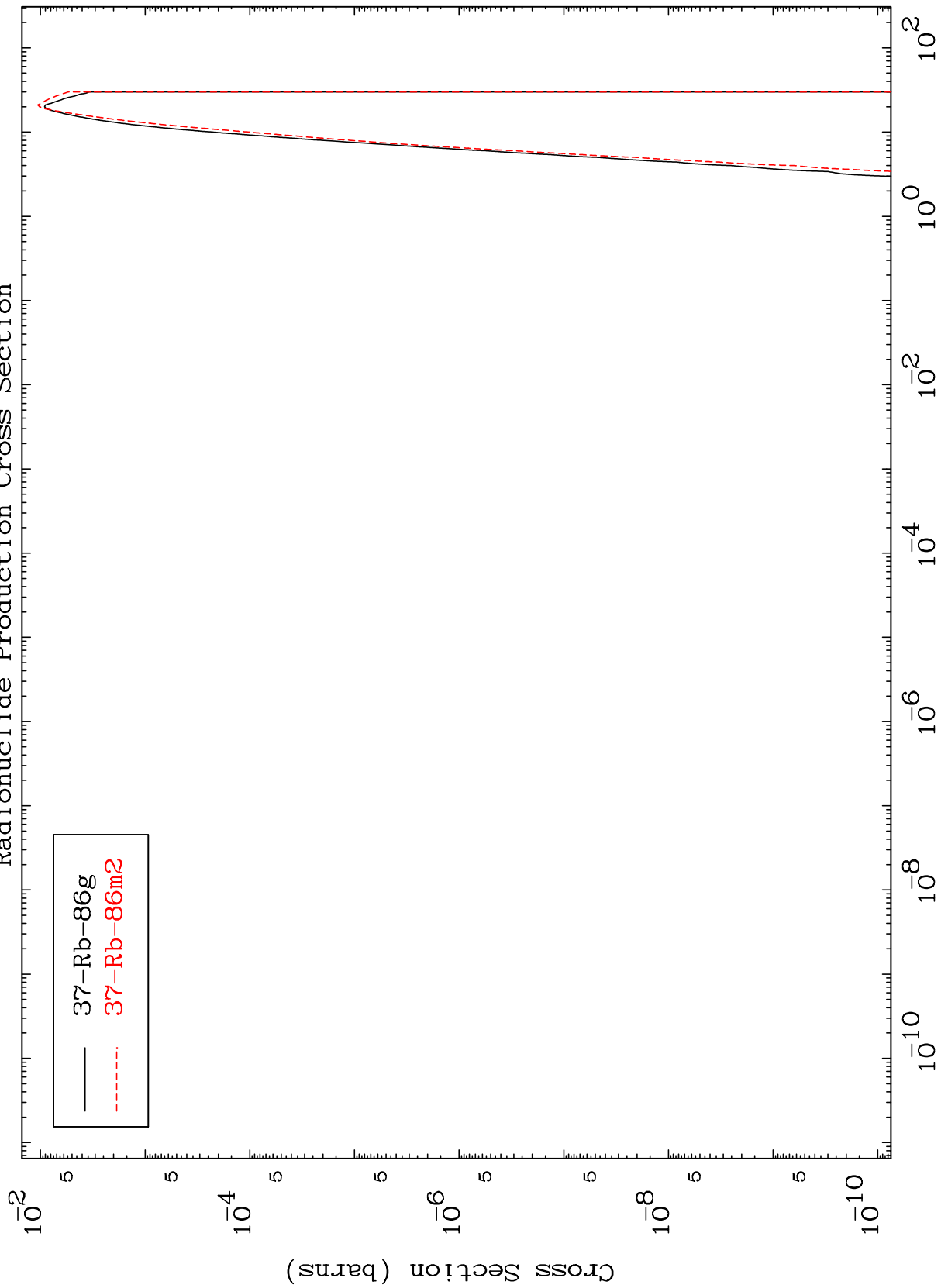
39-Y -89

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(n, α)

39-Y -89

Radionuclide Production Cross Section



26

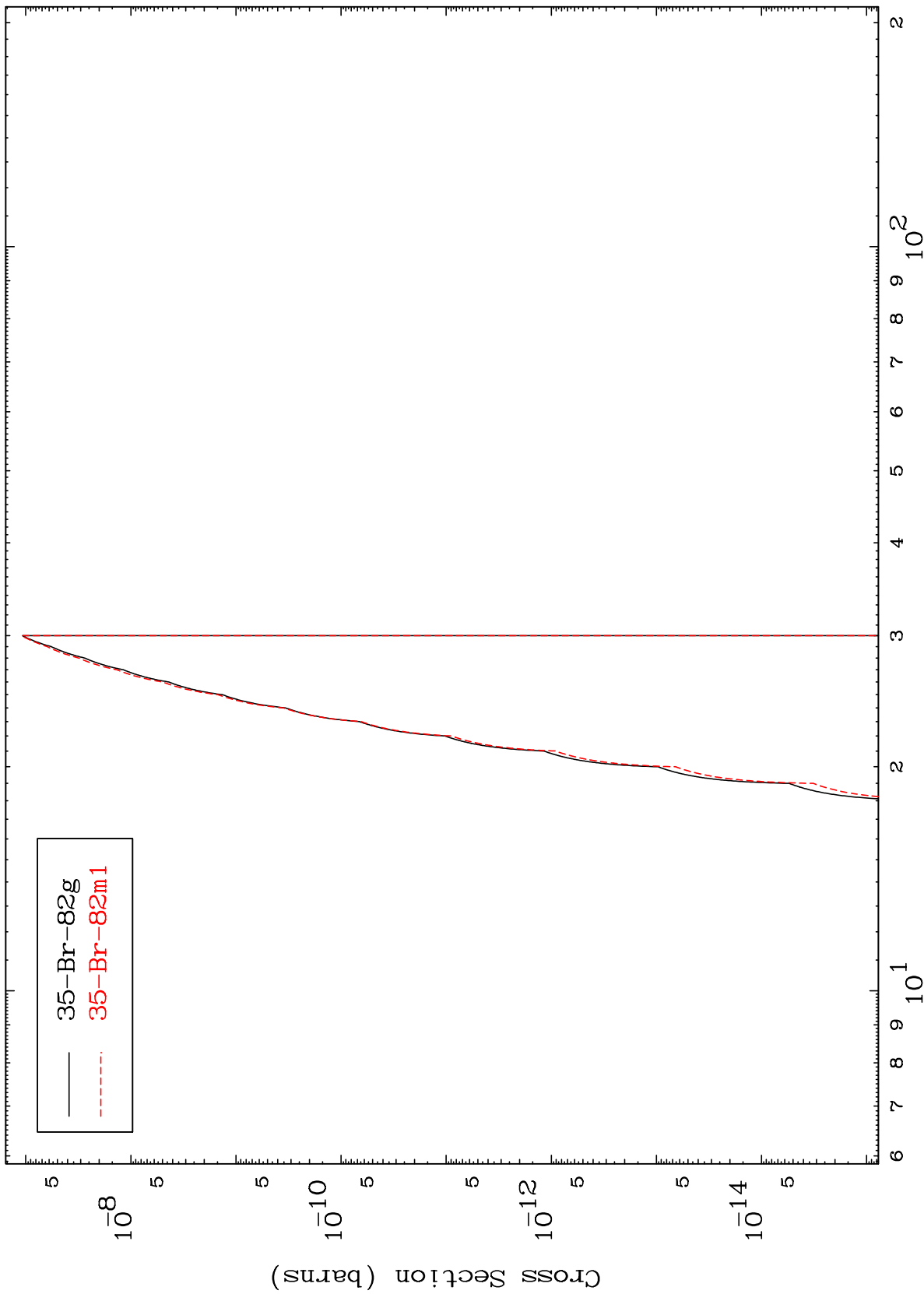
Incident Energy (MeV)

39-Y -89

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39-Y -89

Radionuclide Production Cross Section (n,2α)

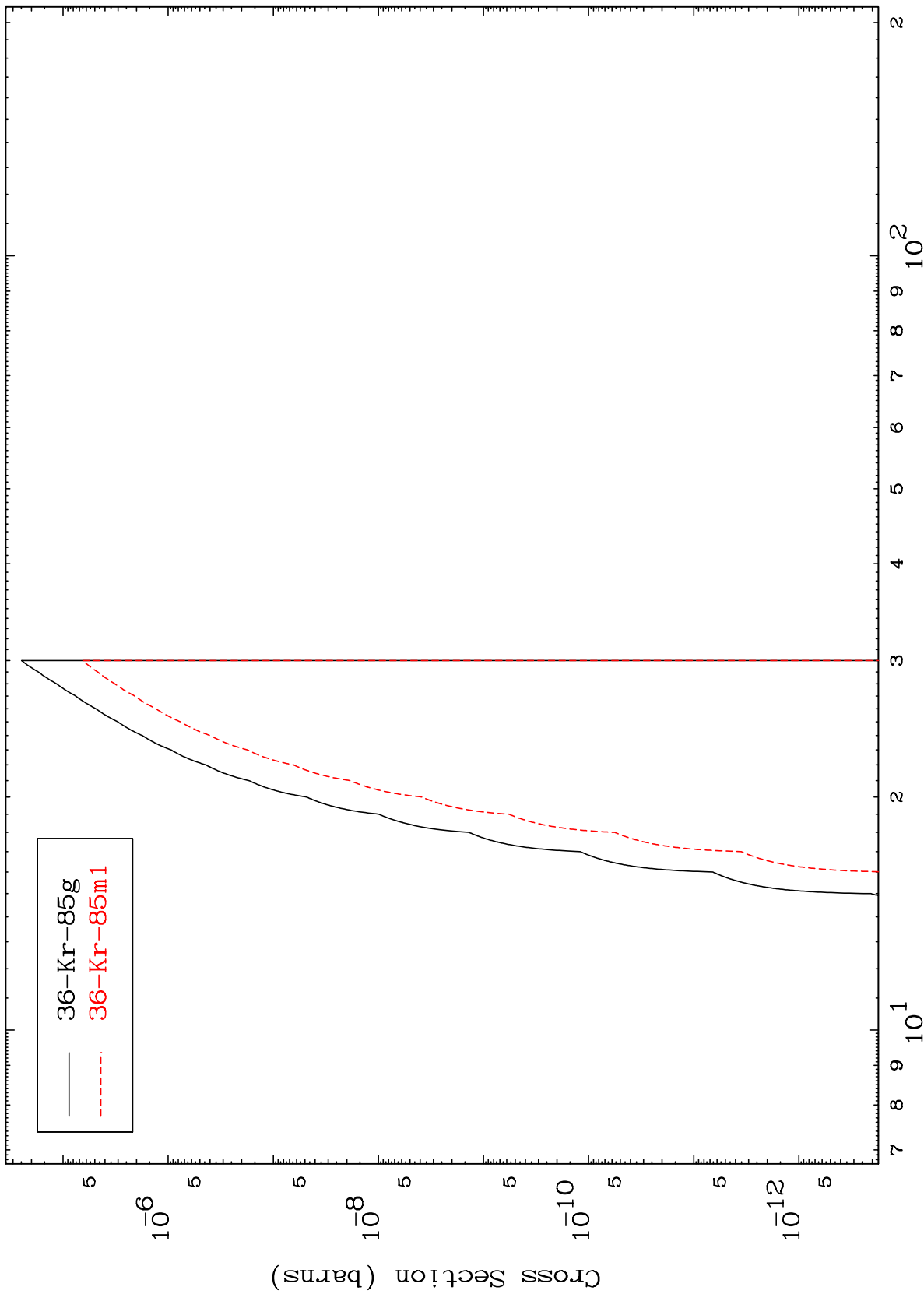


Incident Energy (MeV)

39-Y -89

27

(n,p) α
Radionuclide Production Cross Section



Radionuclide Production Cross Section

